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|----------------------------------|---|---|---|---|
| Focus / use of class time | Each member helps group stay focused and contributions greatly helped the group achieve its goals. | Each member participates in group activities willingly, contributing some valuable work and/or suggestions. | Each member participates in group activities. Did not distract others. | Team member(s) do(es) not participate willingly AND/OR distracts others from their task. |
| Originality | The design captures the "flavor" of the assignment by including an exceptional degree of student creativity in the creation and/or idea. | The design somewhat captures the "flavor" of the assignment by including a degree of student creativity in their creation and/or idea. | The design is based on the logical principles of design, but has little "flavor". | Details are missing from the design; no original thought is evident |
| Model | Model accurately reflects design elements and details. | Model reflects most design elements & details. | Model shows the basic idea, but lacks many of the design details. | No model OR model is seriously incomplete. |
| Blueprint | <p>Student has picked a scale that allows easy interpretation and has kept it consistent throughout the design.</p> <p>The blueprint is an accurate and complete representation of the final construction design</p> | <p>Student has picked a scale that allows easy interpretation. There are only minor consistency problems.</p> <p>The blueprint is an accurate and mostly complete representation of the final construction design</p> | <p>Student has picked a scale that allows easy interpretation. There are, however, several consistency problems.</p> <p>The blueprint is a mostly accurate and/or mostly complete representation of the final construction design</p> | <p>The rendering is not to scale.</p> <p>The blueprint is not an accurate representation of the final construction design or is missing many elements</p> |
| Construction | <p>team members demonstrated consistently safe and responsible use of tools and materials</p> <p>Team members consistently cleaned up after themselves, stored their projects in a safe manner and returned all tools to their designated areas</p> | <p>team members demonstrated safe use of tools and materials</p> <p>Team members usually cleaned up after themselves, stored their projects in a safe manner and returned all tools to their designated areas</p> | <p>Team members sometimes cleaned up after themselves, stored their projects in a safe manner and returned all tools to their designated areas</p> | <p>Team members were either unsafe, inconsistent or irresponsible in the use of tools / materials</p> <p>Team members did NOT consistently cleaned up after themselves, store their projects in a safe manner and/or return all tools to their designated areas</p> |
| Final Product | <p>The final design consists only of cardboard or layered cardboard. NO glue or adhesives are used to hold pieces in places</p> <p>The final design is sturdy enough to hold the goal weight for 5 seconds or more</p> | <p>The final design is sturdy enough to hold more than 1/3 but less than the total goal weight for 5 or more</p> | <p>The final design is sturdy enough to hold up to 1/3rd of the goal weight for 5 or more</p> | <p>The final design consists of cardboard or layered cardboard. Glue or adhesives are used to hold pieces in places</p> <p>The final design does not hold any weight</p> |
| TOTAL POINTS | | | | |